Daily Diary Report by Bid Item

Contract No.: **04-0120F4**

Diary #: **718** **Const Calendar Day:** 163 **Date:** **14-Nov-2012** **Wednesday**
Inspector Name: **Bruce, Matt** **Title:** **Transportation Engineer**
Inspection Type: Intermittent
Shift Hours: 08:00 pm 04:30 am **Break:** 00:30 **Over Time:**
Federal ID:
Location:
Reviewer: **Schmitt, Alex** **Approved Date:** **Status:** Submit

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

Temperature **7 AM** 50 - 60 **12 PM** 50 - 60 **4PM** 50 - 60
Precipitation 0.00" **Condition** Partly overcast

Working Day ☐ If no, explain:

Diary:

Dispute ☐

Work description.

- ABF ironworkers began their shift at 8:00pm Wednesday November 14th and worked 10hrs until 6:30am Thursday morning November 15th. See Parviz Jalali and Bob's diaries for the installation/gap measurements for the Lead + Steel shims, labor, and equipment. The majority of the shift consisted of shim placement in the E-Line SAS at diaphragm B. No measurements were taken on the Hinge A pipe beams tonight as there was no adjustments made. I am on call to perform any measurements when the time comes however I will be working on other issues such as the one below in the downtime.

- Continued to review RFI 3096R00 "Cable and OBG Load Transfer: Movements between PP104 and PP110. Continued to assess the offsets measured by ABF surveyors and which points they used to determine the longitudinal offset between the the cable band and brackets.

Tonight I experimented with the laser level as a way to measure the cable band and suspender bracket alignment. One observation was that when the laser level is positioned on the centerline mark placed by ABF surveyors, it appears that the suspender bracket may be off by a few inches. However when the laser level is placed near the suspender rope groove it appears that there may be enough room to fit the suspender into bracket without conflict. See photos below for more details on the laser level experimentation. Also I am not aware if the ABF ironworkers tried to straighten out these suspender ropes yet and see if they were bound against the suspender bracket.

- Wrote an email to Warren briefing him on the results of the laser level measurement to get his thoughts on the methodology.

Attachment

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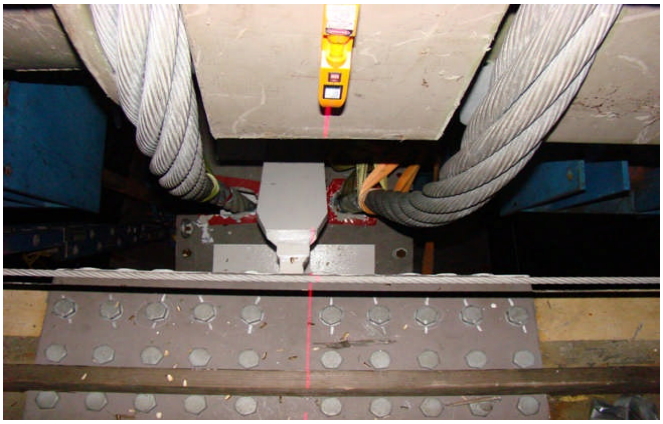
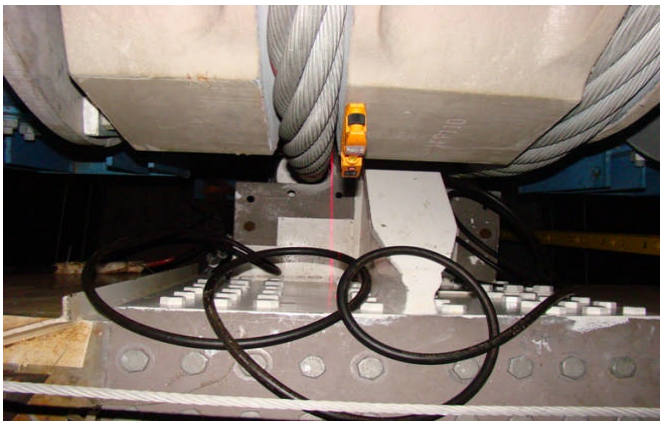
Job Name: 04-0120F4 **Inspector Name** Bruce, Matt **Diary #:** 718 **Date:** 14-Nov-2012 Wednesday

EPP108 on the inboard side of a uphill suspender rope groove.



Centerline of the suspender rope grooves on the inboard side of a cable band marked by ABF surveyors.

WPP108 on the outboard side where I marked the centerline of the cable band suspender rope grooves.



WPP110 on the inboard side of a uphill suspender rope groove.